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Appln No. 09/697,483 Amdt date July 7, 2004 Reply to Office action of June 22, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

(Cancelled) 1-51.

- 52. (Currently Amended) A method of encoding at least a portion of an image, comprising the steps of:
- defining a region of an image having pixels at locations identifiable by two non-collinear axes, each pixel having an appearance;
- analyzing axis-wise said pixels to determine sequences of pixels having substantially identical appearance;
- (c) comparing a sequence of pixels occurring along a first axis-wise traverse with a sequence of pixels occurring along a successive axis-wise traverse;
- in the event that said comparison discloses two or more successive traverses having an identical number of distinct appearances in an identical progression, recording a number corresponding to the number of such successive traverses, recording for said first traverse a series of ordered pairs comprising a first value representing the appearance and a second value representing the number of successive pixels having said appearance, and recording for each successive traverse a series of values corresponding to said second value of each ordered pair;

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Appln No. 09/697,483

Amdt date July 7, 2004

Reply to Office action of June 22, 2004

- (e) in the event that said comparison fails to disclose two or more successive traverses having an identical number of distinct appearances in an identical progression, recording the number one and recording for said traverse a series of ordered pairs comprising a first value representing the appearance and a second value representing the number of successive pixels having said appearance; and
- (f) repeating steps (c), (d) and (e) until said pixels of said region are completely encoded,

wherein the recording of each successive traverse includes recording the series of values corresponding to said second value of each ordered pair without recording the first value representing the appearance.

- 53. (Previously Presented) The method of claim 52 wherein said axis-wise traverse comprises traversing a selected one of a row and a column.
- 54. (Previously Presented) A method of decoding an image encoded according to the method of claim 52, the method of decoding comprising the steps of:
- (a) reading from a memory a location of a region within an image, said region defined by one or more pixels at locations identifiable by two non-collinear axes, each pixel having an appearance;
- (b) reading from said memory a number corresponding to the number of successive traverses along one of said two non-collinear axes, said traverses having an identical number of distinct appearances in an identical progression;

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Appln No. 09/697,483

Amdt date July 7, 2004

Reply to Office action of June 22, 2004

- (c) reading a series of ordered pairs comprising a first value representing an appearance and a second value representing the number of successive pixels having said appearance
- (d) rendering pixels along said traverse according to said series of ordered pairs;
- (e) in the event that said number read in step (b) is greater than one, repeating a number of times equal to said number read in step (b) reduced by one the steps of:
- (1) reading from memory a series of values corresponding to said second value of each ordered pair read in step (c); and
- (2) for each such value read in step (e)(1), rendering a sequences of pixels corresponding to said second value, each pixel having an appearance corresponding to said first value of said ordered pair read in step (c); and
- (f) repeating steps (b) through (e) until said pixels of said region are completely rendered.
- 55. (Previously Presented) The method of claim 54 wherein said axis-wise traverse comprises traversing a selected one of a row and a column.
- 56. (Previously Presented) The method of claim 54 wherein rendering a pixel comprises displaying said pixel using at least one of a color, a brightness, a blinking, a flashing, and a display mode.

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Appln No. 09/697,483 Amdt date July 7, 2004 Reply to Office action of June 22, 2004

(Previously Presented) The method of claim 54 further 57. comprising the step of recording on a computer-readable medium a representation of said rendering of pixels in said region.

58-64. (Cancelled)

- (Previously Presented) A method of encoding at least 65. a portion of an image, comprising the steps of:
- defining a region of an image having pixels at locations identifiable by two non-collinear axes, each pixel having an appearance;
- (b) defining pixels in said image that represent background, said background having a characteristic background appearance;
- (d) comparing a sequence of pixels occurring along a first axis-wise traverse with a sequence of pixels occurring along a successive axis-wise traverse;
- (e) in the event that said comparison discloses two or more successive traverses having an identical number of distinct appearances in an identical progression:
- recording a number N corresponding to the number of such successive traverses;
- such successive traverses, (ii) for the first of recording for each sequence of pixels having a distinct characteristic background said appearance different from first value triple comprising a ordered appearance an representing said appearance, a second value representing the number of successive pixels having said appearance, and a third value representing an offset defining a starting position of

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Appln No. 09/697,483 Amdt date July 7, 2004 Reply to Office action of June 22, 2004

said two or more successive pixels with respect to a pixel at a known position;

- for the following of said N minus one (iii) recording for each sequence of pixels having a traverses, from characteristic said different appearance distinct background appearance an ordered double comprising a first quantity representing the number of successive pixels having said appearance indicated by the first value of the ordered triple recorded for the corresponding sequence of pixels in the first traverse, and a second quantity representing an offset defining a starting position of said two or more successive pixels with respect to a pixel at a known position;
- in the event that said comparison fails to discloses two or more successive traverses having an identical number of distinct appearances in an identical progression, recording the number one and recording for said traverse a series of ordered triples comprising a first value representing an appearance different from said characteristic background appearance, a second value representing the number of successive pixels having said appearance, and a third value representing an offset defining a starting position of said two or more successive pixels with respect to a pixel at a known position; and
- and (f) until said (g) repeating steps (c), (d), (e) pixels of said region having an appearance different from said characteristic background appearance are completely encoded.
- 66. (Previously Presented) The method of claim 65 wherein defining two non-collinear axes comprises defining a row and a column.

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Appin No. 09/697,483 Amdt date July 7, 2004 Reply to Office action of June 22, 2004

- 67. (Previously Presented) The method of claim 65 wherein analyzing a pixel to determine an appearance comprises analyzing for at least one of a color, a brightness, and a display mode.
- 68. (Previously Presented) A method of decoding at least a portion of an image encoded according to the method of claim 65, the method of decoding comprising the steps of:
- (a) defining a region of an image having pixels at locations identifiable by two non-collinear axes, each pixel having an appearance;
 - (b) defining a characteristic background appearance;
- (c) reading from a record a number N corresponding to a number of successive traverses having an identical number of distinct appearances in an identical progression;
 - (d) if the number N is one:
- (1) reading for said traverse a series of ordered triples comprising a first value representing an appearance different from said characteristic background appearance, a second value representing the number of successive pixels having said appearance, and a third value representing an offset defining a starting position of said two or more successive pixels with respect to a pixel at a known position; and
- (2) for each ordered triple, rendering with said appearance said number of successive pixels having said appearance beginning at said starting position with respect to a pixel at a known position;
- (e) if the number N is greater than one, for the first traverse, performing steps (d)(1) and (d)(2), and for each traverse of the further N minus one traverses:

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Appln No. 09/697,483

Amdt date July 7, 2004

Reply to Office action of June 22, 2004

- (1) reading for each traverse a series of ordered doubles comprising a first quantity representing the number of successive pixels having said appearance indicated by the first value of the ordered triple recorded for the corresponding sequence of pixels in the first traverse, and a second quantity representing an offset defining a starting position of said two or more successive pixels with respect to a pixel at a known position; and
- (2) for each ordered double, rendering with said appearance said number of successive pixels having said appearance beginning at said starting position with respect to a pixel at a known position;
- (f) repeating steps (c), (d) and (e) until said pixels of said region having an appearance different from said characteristic background appearance are completely encoded; and
- (g) for any pixel in said region of said image that has not been rendered in steps (d), (e) and (f), rendering said pixel using a characteristic background appearance.
- 69. (Previously Presented) The method of claim 68 wherein defining two non-collinear axes comprises defining a row and a column.
- 70. (Previously Presented) The method of claim 68 wherein rendering a pixel comprises displaying said pixel using at least one of a color, a brightness, a blinking, a flashing, and a display mode.

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Appln No. 09/697,483 Amdt date July 7, 2004 Reply to Office action of June 22, 2004

71. (Previously Presented) The method of claim 68 further comprising the step of recording on a computer-readable medium a representation of said rendering of pixels in said region.

72. (Cancelled)

73. (Currently Amended) The method of claim [[72]] 52, wherein two successive traverses are determined to have an identical number of distinct appearances in an identical progression even when a first second value associated with a particular appearance in a first traverse is different from a second value associated with an identical appearance in a corresponding second traverse.